

Arkema Group Rilsan® AZM 15 TLD Nylon 12, 15% Glass Fiber Filled (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, 20% Glass Fiber Filled

Material Notes:

Designation ISO 1874-PA12,MHLR,16-030,GF15Rigid grade with glass fiber filler (15%) for injection molding.Available color: natural. Light and heat stabilized. Mold-release agent.Rigidity combined with good impact strength. High compressive strength. Very low shrinkage: include 0,5% on average for the design of the mold. Low coefficient of linear expansion. High dimensional stability.Example applications: Mechanical fittings.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Rilsan-AZM-15-TLD-Nylon-12-15-Glass-Fiber-Filled-Dry.php

Physical Properties	Metric	English	Comments
Melt Flow	12.9 g/10 min	12.9 g/10 min	
	@Load 2.16 kg, Temperature 235 °C	@Load 4.76 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	78.0 MPa	11300 psi	5 mm/min
Elongation at Break	7.0 %	7.0 %	5 mm/min
Tensile Modulus	4.26 GPa	618 ksi	1 mm/min
Charpy Impact Unnotched	6.75 J/cm ²	32.1 ft-lb/in ²	
	7.06 J/cm ² @Temperature -30.0 °C	33.6 ft-lb/in ² @Temperature -22.0 °F	
Charpy Impact, Notched	1.13 J/cm ²	5.38 ft-lb/in ²	
	0.710 J/cm ² @Temperature -30.0 °C	3.38 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	41.0 µm/m-°C	22.8 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.000352	0.000352	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.000435	0.000435	

Electrical Properties	@Frequency 100 Hz Metric	@Frequency 100 Hz English	Comments
-----------------------	-----------------------------	------------------------------	----------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China